

10588413 - GAU: 1793

PTO/SB/08A (04-07)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 10

Complete if Known

Application Number	10/588,413
Filing Date	July 31, 2006
First Named Inventor	A. Johnson
Art Unit	1793
Examiner Name	YANG, JIE
Attorney Docket Number	10265-722.201

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MLS/	1	US- 1,926,925	9/12/1933	Wescott	
	2	US- 2,060,593	11/10/1936	Schaurte et al.	
	3	US- 2,371,614	3/20/1945	Graves	
	4	US- 2,608,996	9/2/1952	Forman	
	5	US- 2,610,300	9/9/1952	Walton et al.	
	6	US- 2,647,017	7/28/1953	Couliette	
	7	US- 2,911,504	11/3/1959	Cohn	
	8	US- 3,229,956	1/18/1966	White	
	9	US- 3,351,463	11/7/1967	Rozner et al.	
	10	US- 3,400,906	9/10/1968	Stocklin	
	11	US- 3,408,890	11/5/1968	Bochman, Jr.	
	12	US- 3,445,086	5/20/1969	Quinn	
	13	US- 3,454,286	7/8/1969	Anderson et al.	
	14	US- 3,546,996	12/15/1970	Grijalva et al.	
	15	US- 3,613,732	10/19/1971	Willson et al.	
	16	US- 3,620,212	11/16/1971	Fannon, Jr. et al.	
	17	US- 3,659,625	5/2/1972	Coiner et al.	
	18	US- 3,725,835	4/3/1973	Hopkins et al.	
	19	US- 3,849,756	11/19/1974	Hickling	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/MLS/	145	EP0053596	6/9/1982	Liljedahl		
	146	EP1122526	8/8/2001	NEC Corporation		
	147	JP07090624	4/4/1995	Showa Electric Wire & Cable		
	148	JP10173306	6/26/1998	Olympus Optical Co Ltd		
	149	SU1434314	10/30/1988	Fedotov, Sergej G.		
	150	WO1998/053362	11/26/1998	TiNi Alloy Company		

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Signature

/Mark L. Shevin/

Date
Considered

07/23/2008

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
**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

Sheet **2** of **10****Complete if Known**

Application Number	10/588,413
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Examiner Name	YANG, JIE
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/MLS/	20	US- 3,918,443	11/11/1975	Vennard et al.	
	21	US- 3,974,844	8/17/1976	Pimentel	
	22	US- 4,055,955	11/1/1977	Johnson	
	23	US- 4,063,831	12/30/1977	Meuret	
	24	US- 4,072,159	2/7/1978	Kurosawa	
	25	US- 4,096,993	6/27/1978	Behr	
	26	US- 4,176,719	12/4/1979	Bray	
	27	US- 4,177,327	12/4/1979	Mathews	
	28	US- 4,243,963	1/6/1981	Jameel et al.	
	29	US- 4,340,049	7/20/1982	Munsch	
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	33	US- 4,549,717	10/29/1985	Dewaegheneire	
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	36	US- 4,558,715	12/17/1985	Walton et al.	
	37	US- 4,567,549	1/28/1986	Lemme	
	38	US- 4,585,209	4/29/1986	Aine et al.	

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 /MLS/	151	WO2000/004204	1/27/2000	Micro Therapeutics, Inc.		
	152	WO2003/052150	6/26/2003	Forschungszentrum Karlsruh		
	153	WO2005/108635	11/17/2005	TiNi Alloy Company		

Examiner Signature	/Mark L. Shevin/	Date Considered	07/23/2008
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Sheet **3** of **10****U. S. PATENT DOCUMENTS**

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/MLS/	39	US- 4,596,483	6/24/1986	Gabriel et al.	
	40	US- 4,619,284	10/28/1986	Delarue et al.	
	41	US- 4,654,191	3/31/1987	Krieg	
	42	US- 4,684,913	8/4/1987	Yaeger	
	43	US- 4,706,758	11/17/1987	Johnson	
	44	US- 4,753,465	6/28/1988	Dalby	
	45	US- 4,821,997	4/18/1989	Zdeblick	
	46	US- 4,823,607	4/25/1989	Howe et al.	
	47	US- 4,824,073	4/25/1989	Zdeblick	
	48	US- 4,848,388	7/18/1989	Waldbusser	
	49	US- 4,864,824	9/12/1989	Gabriel et al.	
	50	US- 4,893,655	1/16/1990	Anderson	
	51	US- 4,943,032	7/24/1990	Zdeblick	
	52	US- 5,060,888	10/29/1991	Vezain et al.	
	53	US- 5,061,914	10/29/1991	Busch et al.	
	54	US- 5,069,419	12/3/1991	Jerman	
	55	US- 5,072,288	12/10/1991	MacDonald et al.	
	56	US- 5,114,504	5/19/1992	AduJudom, II et al.	
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Sheet **4** of **10****U. S. PATENT DOCUMENTS**

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/MLS/	58	US- 5,119,555	6/9/1992	Johnson	
	59	US- 5,129,753	7/14/1992	Wesley et al.	
	60	US- 5,160,233	11/3/1992	McKinnis	
	61	US- 5,190,546	3/2/1993	Jervis	
	62	US- 5,192,147	3/9/1993	McCloskey	
	63	US- 5,211,371	5/18/1993	Coffee	
	64	US- 5,218,998	6/15/1993	Bakken et al.	
	65	US- 5,245,738	9/21/1993	Johnson	
	66	US- 5,309,717	5/10/1994	Minch	
	67	US- 5,312,152	5/17/1994	Woebkenberg, Jr. et al.	
	68	US- 5,325,880	7/5/1994	Johnson et al.	
	69	US- 5,344,117	9/6/1994	Trah et al.	
	70	US- 5,364,046	11/15/1994	Dobbs et al.	
	71	US- 5,494,113	2/27/1996	Polan	
	72	US- 5,543,349	8/6/1996	Kurtz et al.	
	73	US- 5,619,177	4/8/1997	Johnson et al.	
	74	US- 5,622,225	4/22/1997	Sundholm	
	75	US- 5,640,217	6/17/1997	Hautcoeur et al.	
	76	US- 5,641,364	6/24/1997	Golberg et al.	

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Sheet	5	of	10
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	78	US- 5,771,742	6/30/1998	Bokaie et al.	
	79	US- 5,772,378	6/30/1998	Keto-Tokoi	
	80	US- 5,772,989	3/3/1998	Fitch et al.	
	81	US- 5,796,152	8/18/1998	Carr et al.	
	82	US- 5,819,749	10/13/1998	Lee et al.	
	83	US- 5,825,275	10/20/1998	Wuttig et al.	
	84	US- 5,837,394	11/17/1998	Schumm, Jr.	
	85	US- 5,840,199	11/24/1998	Warren	
	86	US- 5,867,302	2/2/1999	Fleming	
	87	US- 5,903,099	5/11/1999	Johnson et al.	
	88	US- 5,930,651	7/27/1999	Terasawa	
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	90	US- 6,072,617	6/6/2000	Henck	
	91	US- 6,073,700	6/13/2000	Tsuji et al.	
	92	US- 6,075,239	6/13/2000	Aksyuk et al.	
	93	US- 6,084,849	7/4/2000	Durig et al.	
	94	US- 6,126,371	10/3/2000	McCloskey	
	95	US- 6,139,143	10/31/2000	Brune et al.	

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	116	US- 6,624,730	9/23/2003	Johnson et al.	
	117	US- 6,669,795	12/30/2003	Johnson et al.	
	118	US- 6,688,828	2/10/2004	Post	
	119	US- 6,729,599	5/4/2004	Johnson	
	120	US- 6,742,761	6/1/2004	Johnson et al.	
	121	US- 6,746,890	6/8/2004	Gupta et al.	
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	123	US- 6,811,910	11/2/2004	Tsai et al.	
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	128	US- 7,084,726	8/1/2006	Gupta et al.	
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	132	US- 2006/0118210	6/8/2006	Johnson	
	133	US- 2006/0213522	9/28/2006	Menchaca et al.	

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Sheet	8	of	10
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Application Number	10/588,413
Filing Date	July 31, 2006
First Named Inventor	A. Johnson
Art Unit	1793
Examiner Name	YANG, JIE
Attorney Docket Number	10265-722.201

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/588,413
		Filing Date	July 31, 2006
		First Named Inventor	A. Johnson
		Art Unit	1793
		Examiner Name	YANG, JIE
Sheet 9	of 10	Attorney Docket Number	10265-722.201

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MLS/	136	JOHNSON, DAVID et al.; U.S. Pat. App. # 10/972,745 entitled "Non-explosive releasable coupling device," filed 10/25/2004.	
	137	XIAOGDANG, MA; U.S. Pat. App. # 10/972,759 entitled "Magnetic data storage system," filed 10/25/2004.	
	138	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/006,501 entitled "Anastomosis device and method," filed 12/6/2004.	
	139	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/041,185 entitled "Single crystal shape memory alloy devices and methods," filed 1/24/2005.	
	140	JOHNSON, DAVID; U.S. Pat. App. # 11/396,234 entitled "Tear-resistant thin film methods of fabrication," filed 3/31/2006.	
	141	JOHNSON, DAVID; U.S. Pat. App. # 11/415,885 entitled "Eyeglass frame," filed 5/2/2006.	
	142	JOHNSON, DAVID; U.S. Pat. App. # 11/420,157 entitled "Shape memory allow thin film, method of fabrication, and articles of manufacture," filed 5/24/2006.	
	143	JOHNSON, DAVID; U.S. Pat. App. # 11/526,138 entitled "Constant load bolt," filed 9/22/2006.	
	144	JOHNSON, DAVID; U.S. Pat. App. # 11/859,697 entitled "Constant load fastener," filed 9/21/2007.	
	159	PAULING, Linus, College Chemistry, second edition, W.H. Freeman and Company, San Francisco, 1955, pp. 81-91	

Examiner Signature	/Mark L. Shevin/	Date Considered	07/23/2008
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/MLS/	164	Buchailot L. et al., "Thin film of titanium/nickel shape memory alloy for multi-degree of freedom microactuators", Seisan Kenkyu, vol. 51, no. 8, 1999, pp. 22-23	
	165	Johnson A. D. et al., "Application of shape memory alloys: advantages, disadvantages, and limitations", Micromachining and Microfabrication Process Technology VII, 22-4 October 2001, San Francisco, CA, USA, vol. 4557, 2001, pp.341-351	
	166	Takabayashi S. et al., "Reversible shape memory alloy film fabricated by RF sputtering", Materials and Manufacturing Processes, vol. 13, no. 2, 1998, pp. 275-286	
	167	MARTYNOV, V., "TiNi thin films for microactuators and microdevices: sputter deposition and processing techniques", Thermec' 2003, Internat'l Conf. on Processing and Manufacturing of Advanced Materials, 7-11 July 2003, Leganes, Madrid, Spain, Materials Science Forum, 7 July 2003 vol. 426-432; pp 3475-80.	
	172	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/948,852 entitled "Method of alloying reactive elemental components," filed 11/30/2007.	
	173	JOHNSON, DAVID et al.; U.S. Pat. App. # 11/949,663 entitled "Hyperelastic shape setting devices and fabrication methods," filed 12/3/2007.	

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